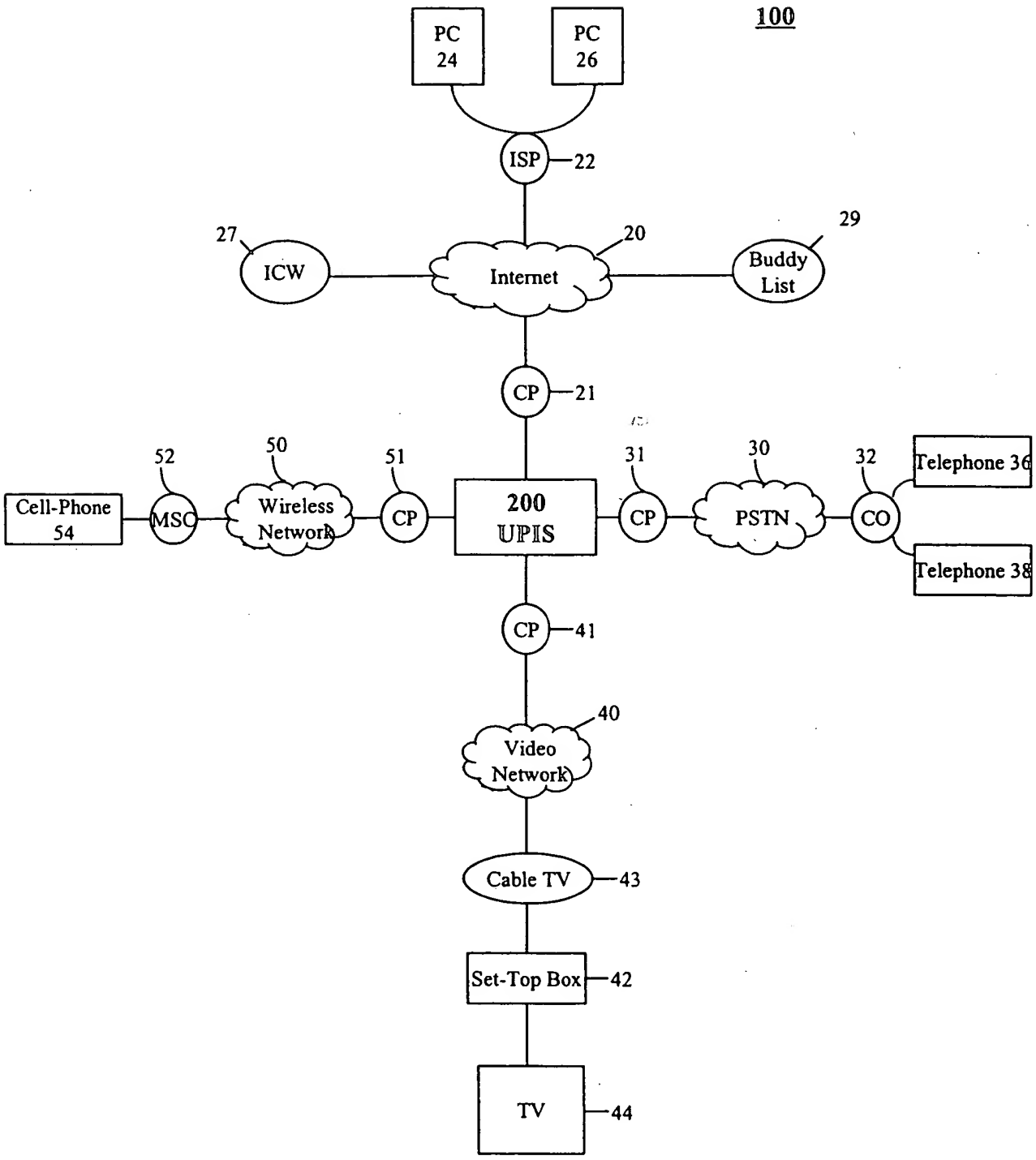
100
PC 24
PC 26
ISP
22
27
ICW
20
Internet
29
Buddy List
CP
21
52
50
51
31
30
32
Telephone 36
Cell-Phone 54
MSO
Wireless Network
CP
200 UPIS
CP
PSTN
CO
Telephone 38
CP
41
40
Video Network
Cable TV
43
Set-Top Box
42
TV
44

FIG. 1

Device	Device ID	Presence	Activity Date/Time
Telephone 36	(000) 000-0000	Off-hook	
PC 24	Burg@att.net	On-line	
PC 24	Burg@att.net		12/6/00 9:13pm
PC 24	Burg@att.net	Off-line	
Set-Top 42	1234567ST	On	

Fig. 2

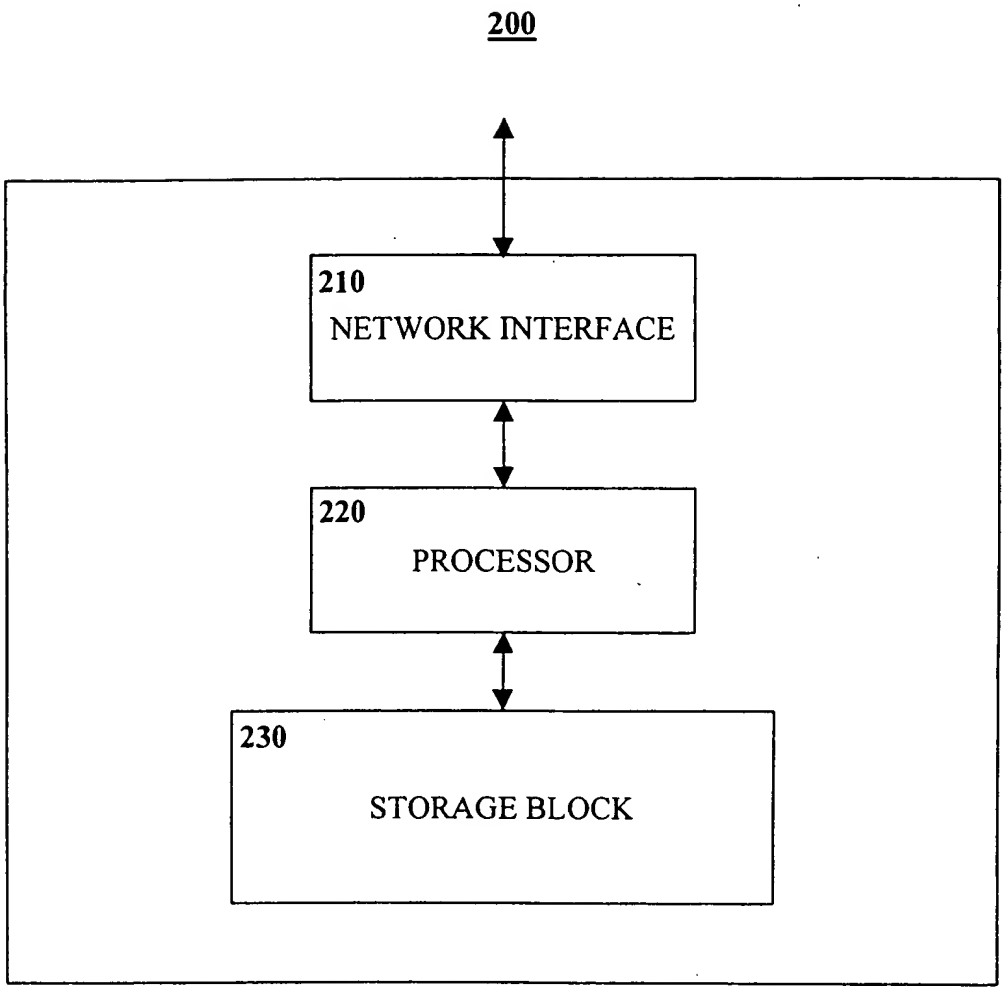

FIG. 3

300

302 User ID: Burg				Current Time: 10:05 PM, December 7, 2000	
310	320	330 Preferences		360 Status	
		342	352	370	380
Devices	Device IDs	Time Schedule	Other	Presence	Activity
312a PC24	322a Burg@att.com	342a 9:00pm-10:00pm	352a	372a OFF-LINE	382a 12/6/00 10:01pm
312b PC26	322b Burg@att.net	342b	352b TTS to Tel 36 6:00pm-9:00pm	372b OFF-LINE	382b 12/7/00 5:00pm
312c Telephone 36	322c (212) 555-1234	342c	352c	372c On-Hook	382c 12/7/ 00 7:35am
312d Telephone 38	322d (212) 555-6789	342d	352d	372d On-Hook	382d 12/7/00 4:36pm
312e TV 42	322e 1234567ST	342e 10:00pm-11:00pm	352e	372e OFF	382e 12/6/00 11:30pm
312f Cellular Phone54	322f (212) 555-0000	342f	352f	372f ON	382f 12/7/00 9:55pm
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•

Fig. 4

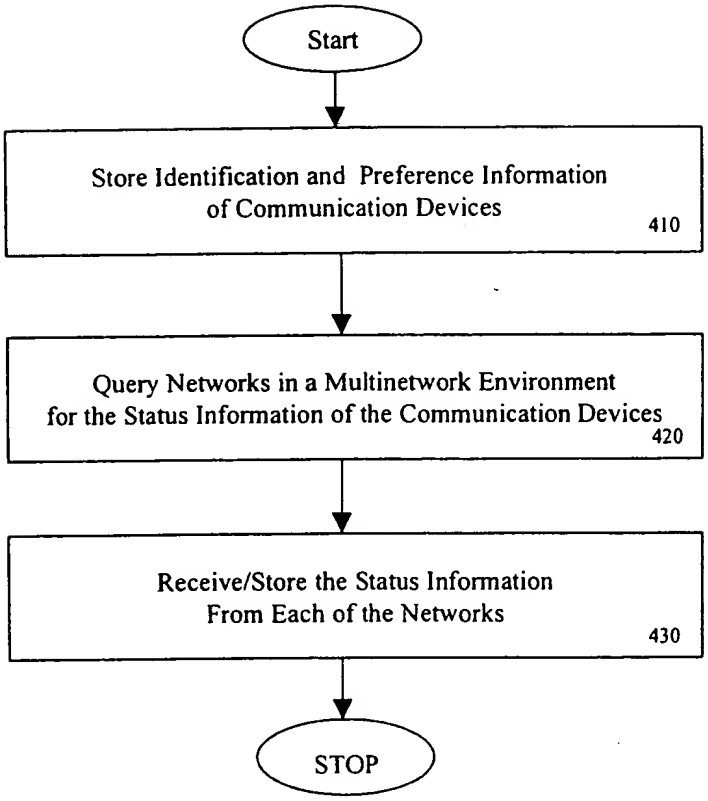
Start
Store Identification and Preference Information of Communication Devices
410
Query Networks in a Multinetwork Environment for the Status Information of the Communication Devices
420
Receive/Store the Status Information From Each of the Networks
430
STOP

FIG. 5

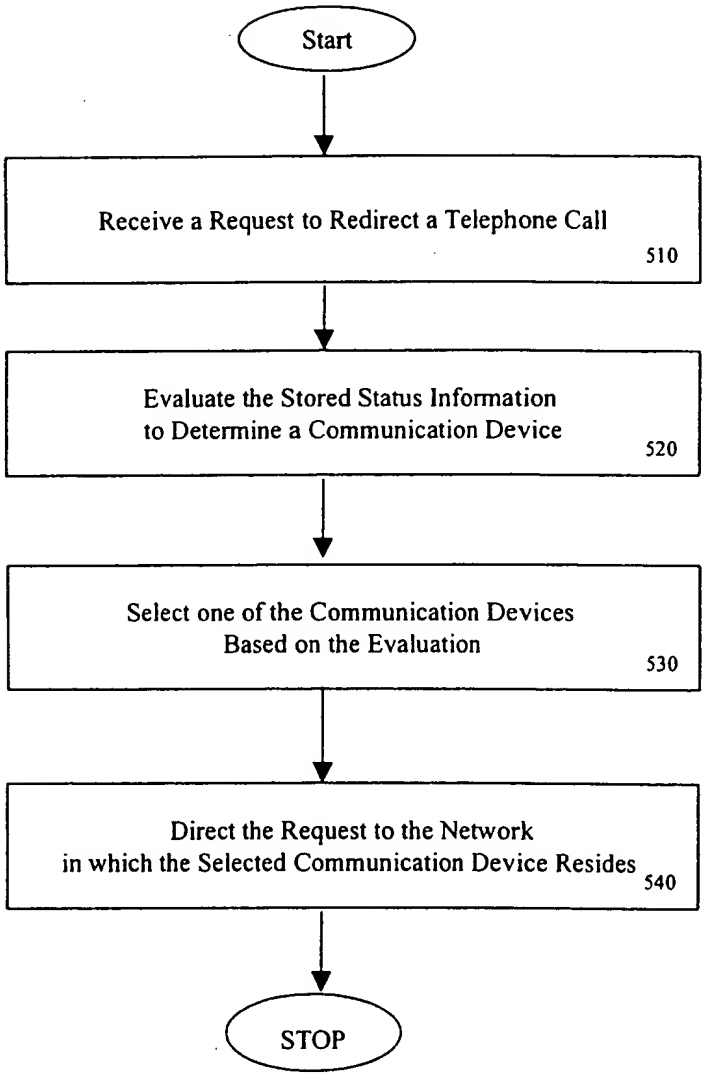
Start
Receive a Request to Redirect a Telephone Call
510
Evaluate the Stored Status Information
to Determine a Communication Device
520
Select one of the Communication Devices
Based on the Evaluation
530
Direct the Request to the Network
in which the Selected Communication Device Resides
540
STOP

FIG. 6

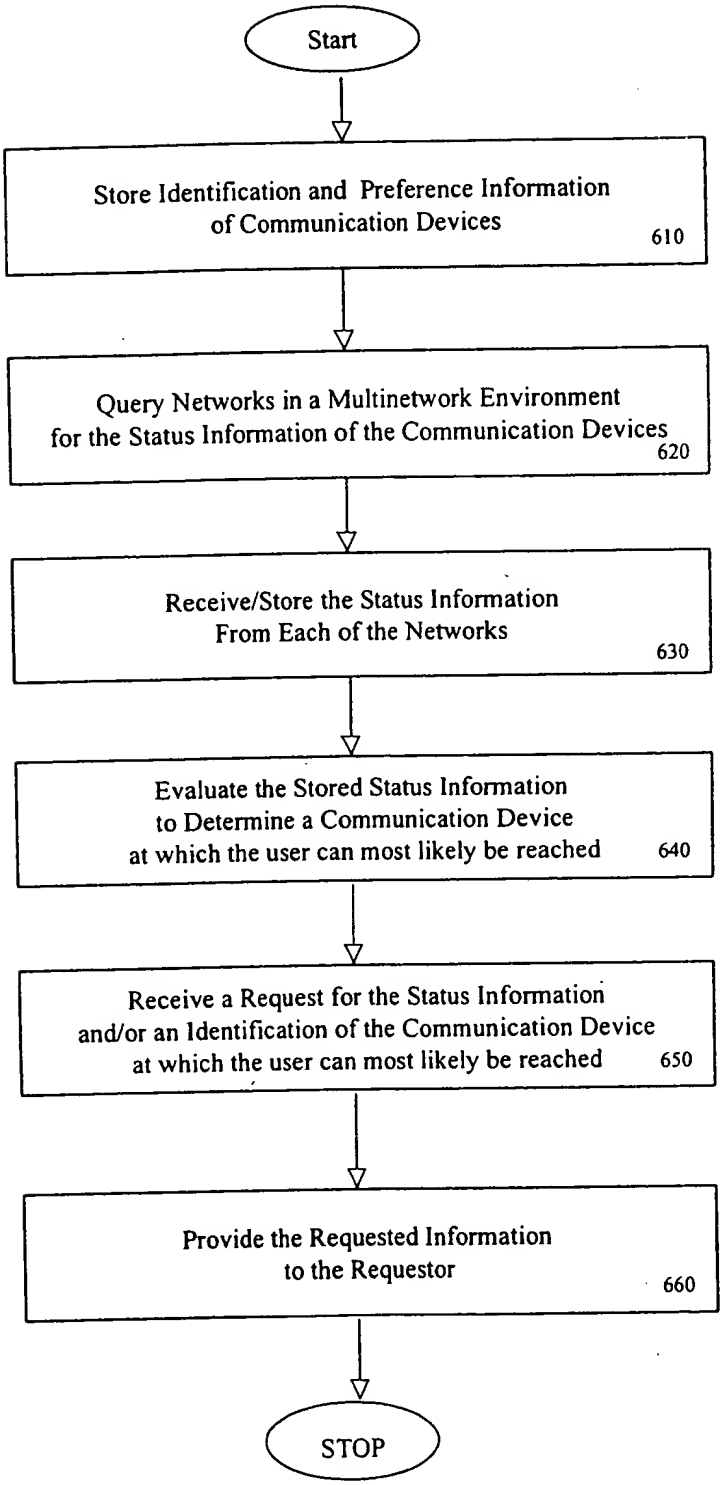
Start
Store Identification and Preference Information of Communication Devices
610
Query Networks in a Multinetwork Environment for the Status Information of the Communication Devices
620
Receive/Store the Status Information From Each of the Networks
630
Evaluate the Stored Status Information to Determine a Communication Device at which the user can most likely be reached
640
Receive a Request for the Status Information and/or an Identification of the Communication Device at which the user can most likely be reached
650
Provide the Requested Information to the Requestor
660
STOP

FIG. 7